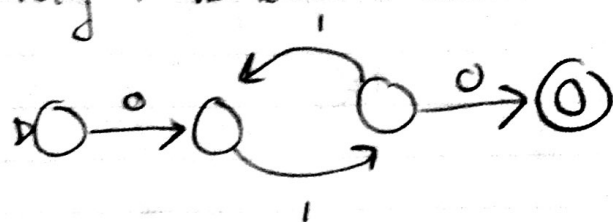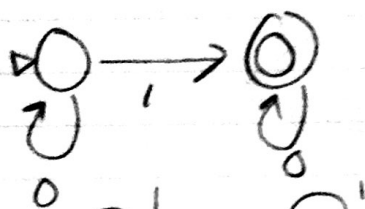Annabel Consilvio
FoCS Day 7 Homework

1.a.
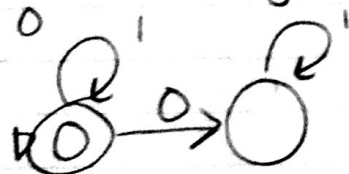

$01(11)^* 0$

b.

   $0^* 10^*$

c.

1^*

2. a. $(ab)^*$

b. $(ab | aababb)^*$

$(ab | a(ab)^* b)^*$

$(a(ab)^* b)^*$

c. $(a(a(ab)^*)^*)^*$

We are going to assume
a = (and b =)

3. a. $0^* 1 (0^* 1 0^* 1 0^*)^*$ odd 1>

   b. $1^* (0 1^* 0 1^*)^*$ even 0s

   c. $\left((00)^* \mid (11)^* \right)^* \mid \left((00)^* \mid (11)^* \right)^*$

          jk no 010101...